



Contents of volume 113

Volume 113 No. 1

January 24 2000

- Effect of the oxidative stress induced by adriamycin on rat hepatocyte bioenergetics during ageing
S. Barogi, A. Baracca, M. Cavazzoni, G. Parenti Castelli, G. Lenaz (Bologna, Italy) 1
- Effects of long-term, light exercise under restricted feeding on age-related changes in physiological and metabolic variables in male Wistar rats
M. Ichikawa, Y. Fujita, H. Ebisawa, T. Ozeki (Tokyo, Japan) 23
- Metabolic mass, metabolic rate, caloric restriction, and aging in male Fischer 344 rats
J.A. Greenberg, C.N. Boozer (Brooklyn, NY; New York, NY) 37
- Glucose-6-phosphatase and age: biochemical and histochemical studies
A. Plewka, M. Kamiński, D. Plewka, G. Nowaczyk (Katowice-Ligota, Poland) 49
- Possible involvement of proteasome inhibition in aging: implications for oxidative stress
J.N. Keller, K.B. Hanni, W.R. Markesbery (Lexington, KY) 61

Volume 113 No. 2

February 7 2000

- IGF-1 bioavailability is increased by resistance training in older women with low bone mineral density
W.S. Parkhouse, D.C. Coupland, C. Li, K.J. Vanderhoek (Burnaby, Canada) 75
- Impaired signal transduction in mitogen activated rat splenic lymphocytes during aging
M. Li, R. Walter, C. Torres, F. Sierra (Philadelphia, PA) 85
- Isolating aging mutants: a novel method yields three strains of the nematode *Caenorhabditis elegans* with extended life spans
Y. Yang, D.L. Wilson (Miami; Coral Gables, FL) 101
- The MHC influences NK and NKT cell functions associated with immune abnormalities and lifespan

D.P. Dubey, Z. Husain, E. Levitan, D. Zurakowski, N. Mirza, S. Younes, C. Coronell, D. Yunis, E.J. Yunis (Boston, MA)	117
Age-related changes of gene expression in mouse kidney: fluorescence differential display — PCR analyses R. Iida, T. Yasuda, M. Aoyama, E. Tsubota, T. Matsuki, K. Kishi (Fukui, Gunma, Japan)	135
How the United Nations mortality tables hang together R.A. Weale (London, UK)	145

Volume 113 No. 3**February 15 2000**

In vivo regulation of cerebral monoamine oxidase activity in senescent controls and chronically stressed mice by long-term treatment with <i>Ginkgo biloba</i> extract (EGb 761) M.-C. Pardon, C. Joubert, F. Perez-Diaz, Y. Christen, J.-M. Launay, C. Cohen-Salmon (Paris, France)	157
Ceramide induces expression of the senescence histochemical marker, β - galactosidase, in human fibroblasts R.E. Mouton, M.E. Venable (Boone, NC)	169
Nitric oxide myotoxicity is age related C.R. Richmonds, H.J. Kaminski (Cleveland, OH)	183
Changes in glycosylation of rat liver arylsulfatase B in relation to age M. Przybyło, A. Lityńska (Krakow, Poland)	193
Growth factor receptor gene and protein expressions in the human lens D.K. Bhuyan, P.G. Reddy, K.C. Bhuyan (New York, NY)	205
Lymphatic lipid transport is not impaired in ageing rat intestine H. Hayashi, Y. Sato, S. Kanai, M. Masuda, M. Ohta, A. Funakoshi, K. Nagao, K. Imaizumi, K. Miyasaka (Yokohama, Tokyo, Fukuoka, Fukuoka, Japan)	219
Insulin receptors in the brain cortex of aging mice A. Zaia, L. Piantanelli (Ancona, Italy)	227
Author index	233
Subject index	235
Contents of volume 113	239

